

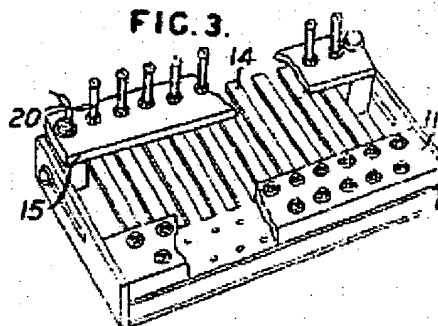
## Vibration indicators and controls for aircraft turbine engines

**Patent number:** GB743687  
**Publication date:** 1956-01-18  
**Inventor:** HARRIMAN JOSEPH FLETCHER  
**Applicant:** ROLLS ROYCE  
**Classification:**  
- **international:**  
- **europaean:** G01H1/00B  
**Application number:** GB19530014826 19530527  
**Priority number(s):** GB19530014826 19530527

[Report a data error here](#)

### Abstract of GB743687

743,687. Vibration indicators. ROLLS-ROYCE, Ltd. May 27, 1954 [May 27, 1953], No. 14826/53, Class 106 (4). [Also in Group XXVI] A vibration indicator adapted to be mounted on an aircraft gas turbine comprises a series of reeds 14 of different resonant frequencies clamped between steel strips 11 the free ends being in proximity to adjustable screws 20 in a brass plate 15 connected to an electrical indicator or warning device, the circuit being made when a reed resonates. The circuit may include a relay by which the engine is controlled. The unit is mounted at the rear end of the engine compressor and thermally shielded. In a multi-engine installation the circuit includes a filter network to prevent transient vibrations of one engine affecting the units on other engines.



Data supplied from the [esp@cenet](#) database - Worldwide